

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A fuel cell-atmospheric-pressure turbine hybrid system comprising:

a combustor configured to burn a cell exhaust gas discharged from an atmospheric-pressure, high-temperature fuel cell, the atmospheric-pressure, high-temperature fuel cell to which an atmospheric pressure air and an atmospheric pressure fuel are supplied at an atmospheric pressure and from which the cell exhaust gas is discharged at the atmospheric pressure;

a turbine in which a combustion gas discharged at the atmospheric pressure from the combustor expands and the pressure of the combustion gas drops to a negative pressure lower than the atmospheric pressure, the turbine being configured to discharge a turbine exhaust gas at the negative pressure;

a compressor configured to compress the turbine exhaust gas discharged from the turbine to increase the pressure of the turbine exhaust gas to the atmospheric pressure and to discharge a compressor exhaust gas at the atmospheric pressure; and

a heat exchanger configured to transfer heat from the turbine temperature exhaust gas discharged from the turbine to the atmospheric pressure air to be supplied to the fuel cell;

an evaporator capable of recovering heat from the turbine exhaust gas discharged from the turbine and generating steam by the recovered heat; and

a reforming device configured to reform the atmospheric pressure fuel by using steam generated by the evaporator and to supply the reformed fuel to the fuel cell.

2. (Previously Presented) The fuel cell-atmospheric-pressure turbine hybrid system according to claim 1, wherein the compressor exhaust gas discharged from the compressor is mixed in the atmospheric pressure air to be supplied to the fuel cell.

3. (Previously Presented) The fuel cell-atmospheric-pressure turbine hybrid system according to claim 1 further comprising a cooling device disposed below the heat exchanger and configured to cool the turbine exhaust gas discharged from the heat exchanger.

4. (Previously Presented) The fuel cell-atmospheric-pressure turbine hybrid system according to claim 3,

wherein the compressor comprises a first compressor and a second compressor disposed coaxially with the first compressor, and the system further comprises a second cooling device disposed between the first compressor and the second compressor,

the first compressor being configured to compress the turbine exhaust gas discharged from the turbine to increase the pressure of the turbine exhaust gas and to discharge a first compressor exhaust gas,

the second cooling device being configured to cool the first compressor exhaust gas discharged from the first compressor,

the second compressor being configured to compress the first compressor exhaust gas from the second cooling device to increase the pressure of the first compressor exhaust gas and to discharge the second compressor exhaust gas at the atmospheric pressure as the compressor exhaust gas.

5. (Canceled)

6. (Currently Amended) The fuel cell-atmospheric-pressure turbine hybrid system according to claim 1 ~~characterized by~~ wherein an air intake branch line through which part of the atmospheric pressure air to be supplied to the fuel cell is supplied to the combustor.

7. (Previously Presented) The fuel cell-atmospheric-pressure turbine hybrid system according to claim 1 further comprising a fuel supply device configured to supply a fuel other than the cell exhaust gas to the combustor.

8. (Previously Presented) The fuel cell-atmospheric-pressure turbine hybrid system according to claim 1,

wherein the combustor has a first combustor and a second combustor, the first combustor being configured to burn the cell exhaust gas discharged from the atmospheric-pressure, high-temperature fuel cell and to discharge the combustion gas at the atmospheric pressure,

the turbine has a first turbine and a second turbine disposed coaxially with the first turbine, in the second turbine the combustion gas discharged from the first combustor expands and the pressure of the combustion gas drops to a first negative pressure lower than the atmospheric pressure,

the second combustor being capable of burning a fuel and the exhaust gas discharged from the second turbine and being configured to discharge a second combustion gas to the first turbine,

the first turbine in which the second combustion gas discharged from the second combustion expands and the pressure of the second combustion gas drops to the negative pressure, the first turbine being configured to discharge the turbine exhaust gas at the negative pressure,

the compressor compresses the turbine exhaust gas discharged from the first turbine to increase the pressure of the turbine exhaust gas to the atmospheric pressure.

9. (Currently Amended) A fuel cell-atmospheric-pressure turbine hybrid system comprising:

a combustor configured to burn a cell exhaust gas discharged from an atmospheric-pressure, high-temperature fuel cell, the atmospheric-pressure, high-temperature fuel cell to which an atmospheric pressure air and an atmospheric pressure fuel are supplied at an atmospheric pressure and from which the cell exhaust gas is discharged at the atmospheric pressure;

a turbine in which a combustion gas of a pressure substantially equal to the atmospheric pressure discharged from the combustor expands and the pressure of the combustion gas drops to a negative pressure lower than the atmospheric pressure, the turbine being configured to discharge a turbine exhaust gas at the negative pressure;

a compressor configured to compress the turbine exhaust gas discharged from the turbine to increase the pressure of the turbine exhaust gas to the atmospheric pressure and to discharge a compressor exhaust gas at the atmospheric pressure; and

an air supply line through which air at the atmospheric pressure is supplied to the ~~combustor~~combustor;

an evaporator capable of recovering heat from the turbine exhaust gas discharged from the turbine and generating steam by the recovered heat, and

a reforming device configured to reform the atmospheric pressure fuel by using steam generated by the evaporator and to supply the reformed fuel to the fuel cell.

10. (Previously Presented) The fuel cell-atmospheric-pressure turbine hybrid system according to claim 9 further comprising a heat exchanger configured to transfer heat of the turbine exhaust gas discharged from the turbine to the compressor exhaust gas discharged from the compressor.

11. (Previously Presented) The fuel cell-atmospheric-pressure turbine hybrid system according to claim 9 further comprising an air supply branch line branched from the

air supply line and configured to supply part of air flowing through the air supply line to the fuel cell.

12. (Previously Presented) The fuel cell-atmospheric-pressure turbine hybrid system according to claim 11 further comprising an air distribution valve placed at the joint of the air supply line and the air supply branch line and configured to adjust the distribution of air to the air supply line and the air supply branch line.